



Effects of the fabrication process on the grain-boundary resistance in BaZr_{0.9}Y_{0.1}O₃-

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Published in:
Journal of Materials Chemistry A

Link to article, DOI:
[10.1039/c5ta90117k](https://doi.org/10.1039/c5ta90117k)

Publication date:
2015

Document Version
Publisher's PDF, also known as Version of record

[Link back to DTU Orbit](#)

Citation (APA):
Ricote, S., Bonanos, N., Manerbino, A., Sullivana, N. P., & Coorsc, W. G. (2015). Effects of the fabrication process on the grain-boundary resistance in BaZr_{0.9}Y_{0.1}O₃-. *Journal of Materials Chemistry A*, 3(23), 12558. <https://doi.org/10.1039/c5ta90117k>

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CORRECTION

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 Cite this: *J. Mater. Chem. A*, 2015, 3, 12558

DOI: 10.1039/c5ta90117k

www.rsc.org/MaterialsA

Correction: Effects of the fabrication process on the grain-boundary resistance in BaZr_{0.9}Y_{0.1}O_{3-δ}

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Correction for 'Effects of the fabrication process on the grain-boundary resistance in BaZr_{0.9}Y_{0.1}O_{3-δ}' by S. Ricote *et al.*, *J. Mater. Chem. A*, 2014, 2, 16107–16115.

The conductivity values at 600 °C of SSR-Ni and SSRS in Table 4 of the manuscript are incorrect. The correct values are included in the revised table below.

 Table 4 Conductivity in (mS cm⁻¹) of BZY10 in moist reducing atmosphere at 500 and 600 °C from this work and literature

Synthesis	Sintering	Total conductivity 600 °C	Total conductivity 500 °C	Atmosphere	Ref.
Solid state reaction	5 h 1800 °C	1.8	—	H ₂ , 1.7 × 10 ³ Pa H ₂ O	6
Solid state reaction	30 h 1715 °C	0.8	—	4% H ₂ , moist	40
Flash combustion	1500 °C	2.2	—	N ₂ , 3% H ₂ O	41
Pechini process	10 h 1600 °C	0.8	0.55	N ₂ , 20.65 h Pa H ₂ O	42
Solid state reaction	1700 °C	—	0.55	5% H ₂ , moist	30
Solid state reaction	10 h 1750 °C	~6	~4	H ₂ , 1.9 kPa H ₂ O	43
SPS	5 min 1700 °C	2.32	1.4	5% H ₂ , 0.03 atm H ₂ O	This work
HT	2200 °C	3.43	1.7	5% H ₂ , 0.03 atm H ₂ O	This work
SSR-Ni	12 h 1600 °C	2.7	1.1	5% H ₂ , 0.03 atm H ₂ O	This work
SSRS	5 h 1535 °C	3.0	1.6	5% H ₂ , 0.03 atm H ₂ O	This work

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

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